

Wireless torque measuring arrangement and sensor therefore**Veröffentlichungsnummer** EP1026492**Veröffentlichungsdatum:** 2000-08-09**Erfinder** PETER RETO (CH); BUFF WERNER (DE); EHRENFORDT JOCHEN (DE)**Anmelder:** BAUMER ELECTRIC AG (CH)**Klassifikation:**- **Internationale:** G01L3/10; G01L3/10; (IPC1-7): G01L11/00
- **Europäische:** G01L3/10; G01L3/10B**Anmeldenummer:** EP20000810071 20000126**Prioritätsnummer(n):** CH19990000182 19990201**Auch veröffentlicht als**

EP1026492 (A)

Zitierte Dokumente

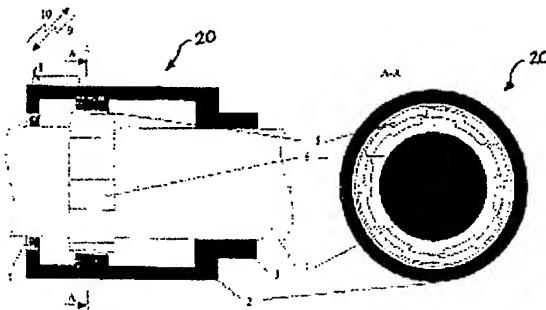
US5585571

WO9709596

GB2195183

Datenfehler hier melden**Zusammenfassung von EP1026492**

The sensor (20) has an electric oscillation circuit with at least one resonance frequency, which has an adjustment circuit with a transducer, a surface acoustic wave device and an antenna (8). The transducer has a capacitor with a two relatively movable electrodes (5,6) connected to the shaft at axially spaced fixing points, so that a torque on the shaft alters the resonant frequency of the oscillation circuit. Independent claims are included for a wireless torque measurement device incorporating the sensor and for a method to operate the device.



a)

Fig. 4

b)

Daten sind von der **esp@cenet** Datenbank verfügbar - Worldwide